

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P641780

Luminaire Tested: GWS-SA6B-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641780
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA6B-750-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16857.9 lumens
Efficiency: N/A
Efficacy: 121.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

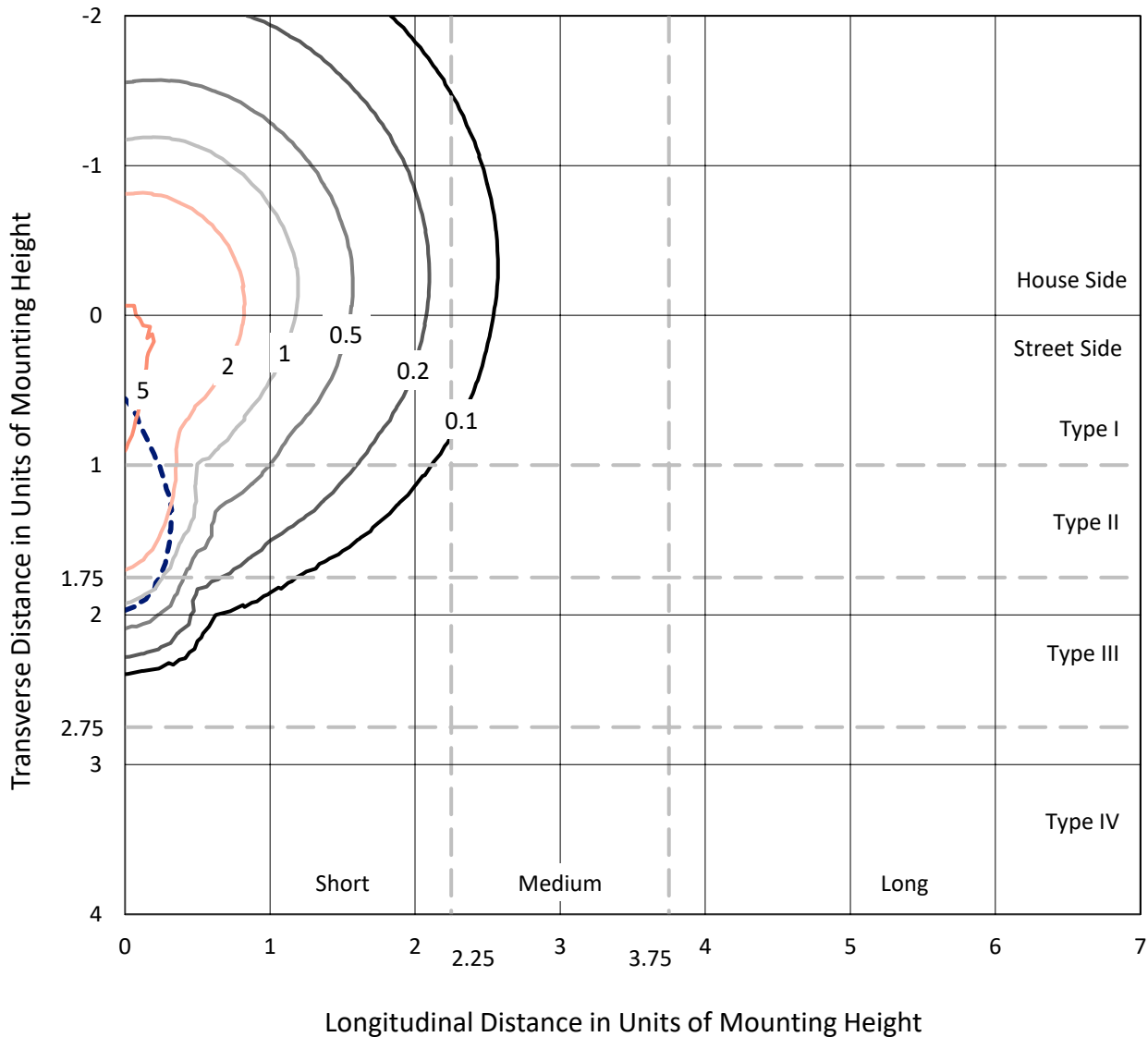
Input Watts (W): 138.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P641780
 CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

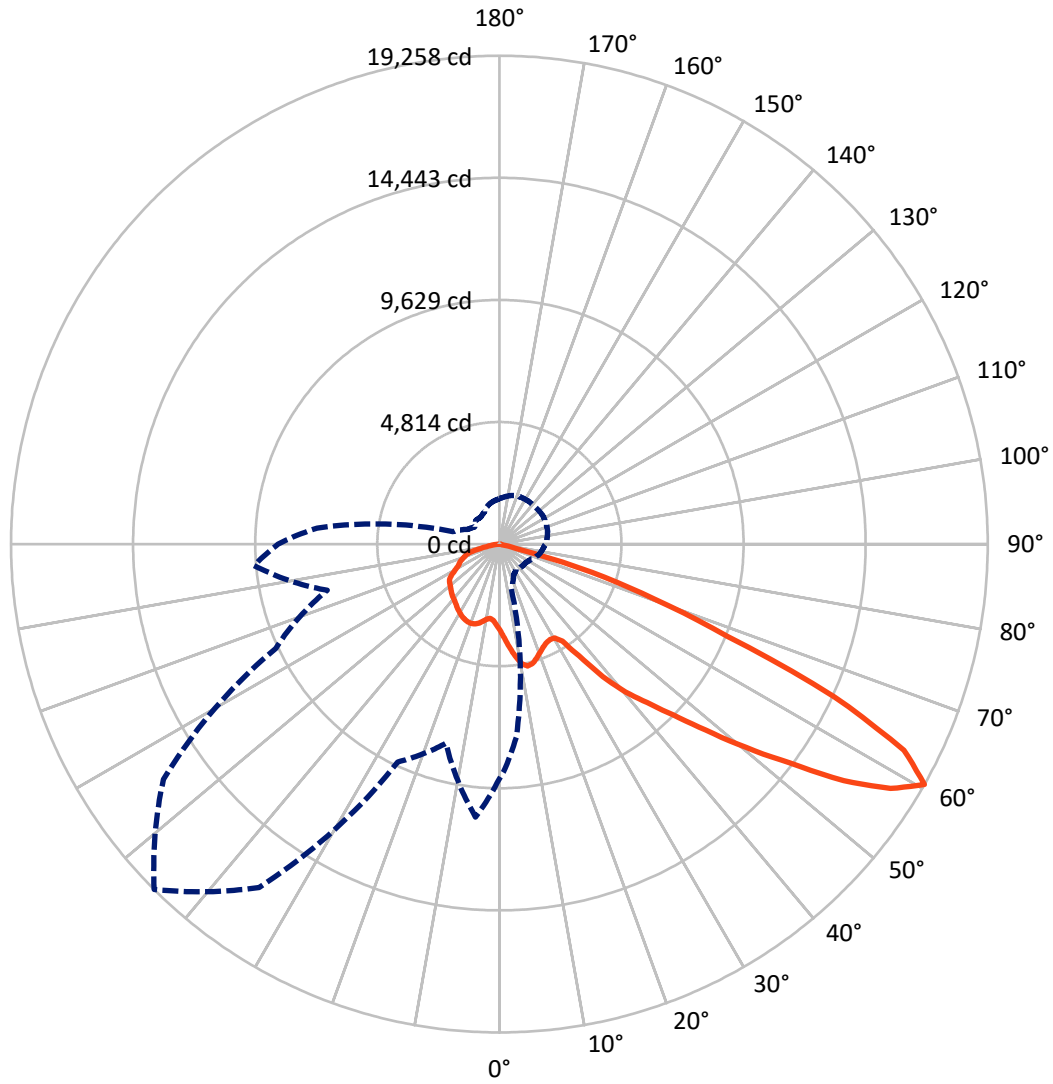
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
 Type III - Short - N/A

REPORT NUMBER: P641780
CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P641780

CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

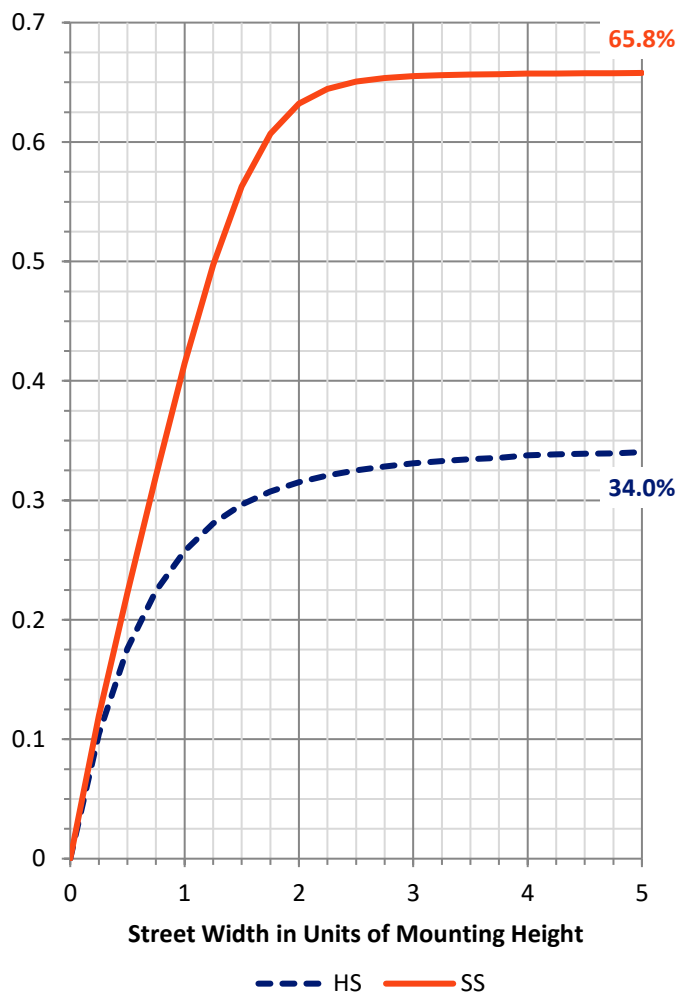
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5766.9	0.0	5766.9
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	11091.0	0.0	11091.0
	% Fixture	65.8	0.0	65.8
Total	Lumens	16857.9	0.0	16857.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.2	2.0
10°-20°	1065.5	6.3
20°-30°	1735.2	10.3
30°-40°	2437.6	14.5
40°-50°	3335.6	19.8
50°-60°	4279.5	25.4
60°-70°	2881.6	17.1
70°-80°	720.4	4.3
80°-90°	70.2	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16857.9	100.0
0°-180°	16857.9	100.0

Coefficient of Utilization



REPORT NUMBER: P641780

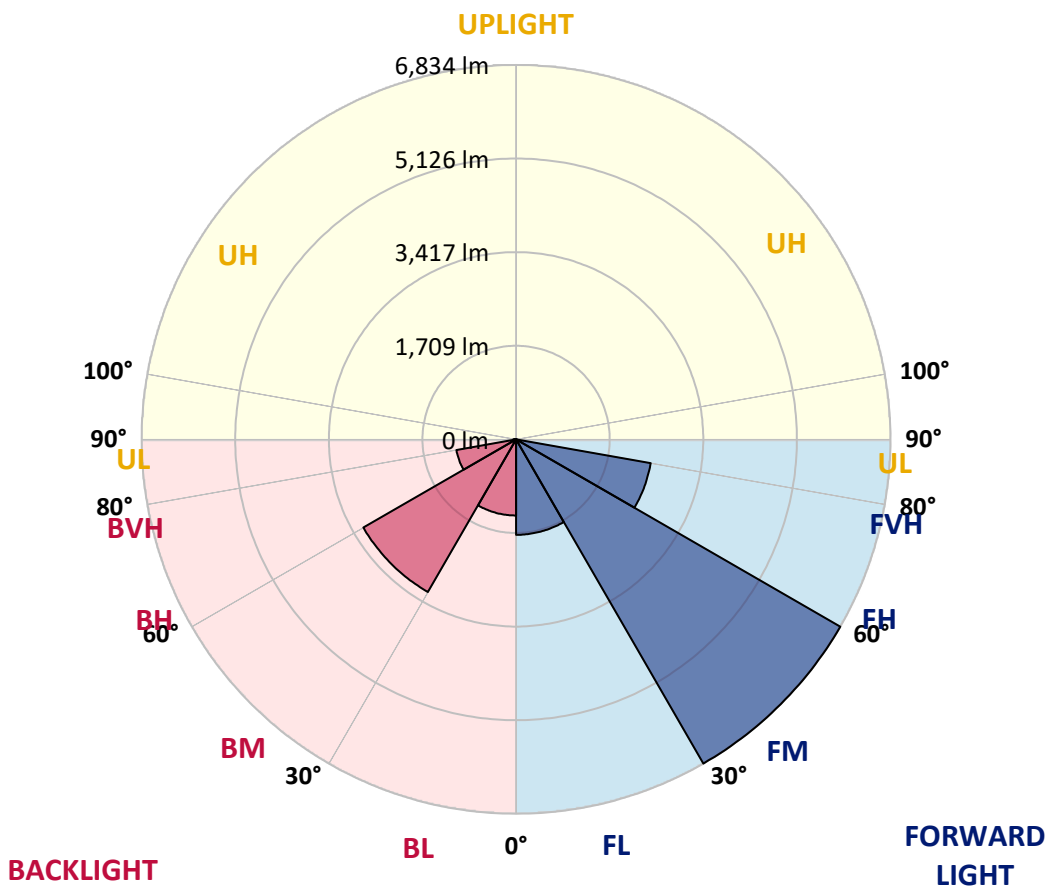
CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1742.7	10.3			
FM (30°-60°)	6834.3	40.5			
FH (60°-80°)	2495.7	14.8			G2/5000
FVH (80°-90°)	18.3	0.1			G1/100
BL (0°-30°)	1390.2	8.2	B3/2500		
BM (30°-60°)	3218.4	19.1	B3/5000		
BH (60°-80°)	1106.4	6.6	B3/2500		G3/2500
BVH (80°-90°)	52.0	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short





REPORT NUMBER: P641780

CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1
2.5°	3597.2	3589.5	3581.7	3521.2	3505.6	3462.2	3431.1	3392.3	3336.4	3305.4	3279.0
5°	3822.3	3809.9	3768.0	3643.8	3563.1	3474.6	3401.6	3320.9	3235.5	3179.6	3136.1
7.5°	4035.0	4031.9	3960.5	3755.6	3625.2	3497.9	3398.5	3280.5	3157.9	3074.0	3018.1
10°	4232.2	4208.9	4123.5	3856.5	3685.7	3539.8	3432.7	3302.2	3159.4	3046.1	2971.6
12.5°	4406.1	4376.6	4258.6	3949.7	3738.5	3558.4	3442.0	3334.9	3240.1	3145.4	3060.1
15°	4548.9	4513.2	4393.7	4036.6	3785.1	3547.6	3384.5	3300.7	3333.3	3375.2	3280.5
17.5°	4682.5	4645.2	4499.3	4100.3	3799.1	3480.8	3243.3	3207.5	3372.1	3563.1	3519.6
20°	4794.2	4752.3	4583.1	4131.3	3774.2	3353.5	3060.1	3122.2	3339.5	3567.7	3637.6
22.5°	4915.3	4881.2	4677.8	4176.3	3743.2	3178.0	2906.4	3058.5	3283.6	3483.9	3589.5
25°	5109.4	5067.5	4825.3	4255.5	3727.6	3013.5	2796.1	2996.4	3206.0	3387.6	3469.9
27.5°	5390.4	5312.8	5027.1	4393.7	3744.7	2858.2	2726.3	2920.3	3115.9	3271.2	3338.0
30°	5696.3	5603.1	5250.7	4536.5	3769.6	2763.5	2689.0	2833.4	2977.8	3133.0	3206.0
32.5°	6058.0	5975.7	5489.8	4643.6	3716.8	2720.0	2661.1	2738.7	2853.6	2977.8	3038.3
35°	6489.6	6342.1	5750.6	4730.6	3546.0	2656.4	2636.2	2634.7	2695.2	2816.3	2884.6
37.5°	6953.8	6795.5	6072.0	4823.7	3280.5	2555.5	2577.2	2512.0	2567.9	2664.2	2741.8
40°	7334.2	7168.1	6396.5	4951.0	2948.3	2397.1	2446.8	2376.9	2411.1	2510.5	2597.4
42.5°	7706.8	7529.8	6699.2	5095.4	2626.9	2241.9	2266.7	2240.3	2251.2	2355.2	2476.3
45°	8195.9	7997.1	7071.8	5197.9	2338.1	2119.2	2095.9	2050.9	2108.3	2243.4	2372.3
47.5°	9012.5	8774.9	7682.0	5264.7	2128.5	2049.4	1942.2	1915.8	1987.2	2137.8	2271.4
50°	9967.3	9762.4	8657.0	5261.6	1971.7	1990.4	1793.2	1769.9	1887.9	2040.0	2181.3
52.5°	10749.8	10541.7	9490.7	5106.3	1842.9	1864.6	1706.2	1641.0	1802.5	1943.8	2085.1
55°	11381.7	11147.2	9874.1	4457.3	1679.8	1664.3	1611.5	1492.0	1695.4	1847.5	1979.5
57.5°	11041.7	10762.2	9409.9	3389.2	1512.2	1414.4	1448.5	1360.0	1549.4	1740.4	1867.7
60°	9257.8	9006.3	7644.7	1804.0	1330.5	1181.5	1252.9	1266.9	1389.5	1611.5	1741.9
62.5°	6359.2	6176.0	5180.8	1094.5	1049.5	948.6	1060.4	1161.3	1252.9	1440.8	1554.1
65°	3111.3	3056.9	2591.2	701.7	734.4	767.0	878.7	1001.4	1136.5	1301.0	1420.6
67.5°	857.0	863.2	785.6	548.0	579.1	669.1	757.6	855.4	990.5	1142.7	1263.8
70°	377.3	383.5	395.9	422.3	481.3	563.6	655.2	756.1	880.3	1007.6	1124.0
72.5°	262.4	268.6	287.2	321.4	374.2	451.8	538.7	635.0	763.8	871.0	967.2
75°	161.5	166.1	183.2	212.7	248.4	307.4	392.8	481.3	594.6	692.4	777.8
77.5°	85.4	82.3	93.2	113.3	144.4	175.4	232.9	288.8	369.5	448.7	520.1
80°	46.6	45.0	51.2	62.1	71.4	96.3	135.1	172.3	218.9	263.9	302.7
82.5°	20.2	18.6	20.2	26.4	32.6	46.6	68.3	94.7	121.1	152.1	177.0
85°	0.0	0.0	0.0	1.6	7.8	12.4	23.3	34.2	49.7	68.3	83.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	14.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P641780

CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1
2.5°	3263.4	3224.6	3221.5	3190.5	3193.6	3195.1	3164.1	3151.7	3162.5	3174.9	3168.7
5°	3120.6	3080.2	3063.2	3033.7	3030.6	3016.6	3004.2	2988.6	2999.5	3010.4	3016.6
7.5°	2996.4	2970.0	2959.1	2951.4	2954.5	2948.3	2923.4	2909.5	2907.9	2912.6	2918.8
10°	2956.0	2934.3	2948.3	2970.0	2985.5	2996.4	2970.0	2946.7	2925.0	2915.7	2915.7
12.5°	3043.0	3015.0	3043.0	3066.3	3097.3	3105.1	3075.6	3050.7	3043.0	3052.3	3070.9
15°	3235.5	3170.3	3168.7	3182.7	3207.5	3220.0	3192.0	3179.6	3179.6	3238.6	3285.2
17.5°	3428.0	3320.9	3275.9	3268.1	3283.6	3288.3	3265.0	3254.1	3282.1	3397.0	3483.9
20°	3563.1	3432.7	3334.9	3316.2	3320.9	3322.4	3303.8	3296.0	3336.4	3476.1	3549.1
22.5°	3549.1	3452.8	3333.3	3310.0	3317.8	3314.7	3297.6	3294.5	3327.1	3448.2	3482.3
25°	3452.8	3378.3	3277.4	3261.9	3274.3	3272.8	3255.7	3247.9	3261.9	3342.6	3345.7
27.5°	3342.6	3277.4	3190.5	3185.8	3206.0	3216.9	3187.4	3164.1	3159.4	3213.8	3201.3
30°	3210.6	3162.5	3092.7	3095.8	3133.0	3139.2	3103.5	3069.4	3060.1	3089.6	3072.5
32.5°	3053.8	3038.3	3001.1	3008.8	3044.5	3056.9	3019.7	2984.0	2973.1	2982.4	2946.7
35°	2920.3	2914.1	2917.2	2931.2	2962.2	2971.6	2940.5	2912.6	2897.0	2864.4	2817.9
37.5°	2782.1	2799.2	2844.3	2870.6	2887.7	2884.6	2867.5	2847.4	2822.5	2762.0	2704.5
40°	2653.3	2696.8	2777.5	2807.0	2813.2	2814.8	2802.3	2785.3	2754.2	2673.5	2608.3
42.5°	2553.9	2602.1	2709.2	2754.2	2757.3	2760.4	2748.0	2734.0	2690.5	2583.4	2519.8
45°	2449.9	2513.6	2639.3	2693.7	2690.5	2689.0	2678.1	2671.9	2620.7	2496.5	2426.6
47.5°	2361.4	2435.9	2571.0	2617.6	2616.0	2614.5	2606.7	2606.7	2555.5	2420.4	2341.2
50°	2274.5	2359.9	2501.1	2540.0	2543.1	2540.0	2536.8	2541.5	2481.0	2336.6	2258.9
52.5°	2179.8	2276.0	2423.5	2459.2	2477.9	2485.6	2485.6	2474.7	2403.3	2252.7	2167.3
55°	2075.7	2167.3	2338.1	2386.3	2401.8	2415.7	2415.7	2394.0	2327.3	2175.1	2083.5
57.5°	1946.9	2027.6	2162.7	2210.8	2248.1	2257.4	2257.4	2221.7	2167.3	2021.4	1946.9
60°	1807.2	1877.0	1968.6	2019.9	2047.8	2029.2	2043.1	2033.8	1990.4	1855.3	1793.2
62.5°	1620.9	1692.3	1793.2	1846.0	1858.4	1839.8	1858.4	1856.8	1797.8	1676.7	1602.2
65°	1487.3	1557.2	1656.6	1724.9	1745.1	1740.4	1752.8	1734.2	1661.2	1546.3	1474.9
67.5°	1329.0	1403.5	1518.4	1594.5	1636.4	1641.0	1658.1	1619.3	1544.8	1419.0	1329.0
70°	1178.4	1242.0	1330.5	1401.9	1460.9	1490.4	1493.5	1437.7	1344.5	1240.5	1175.3
72.5°	1020.0	1085.2	1192.3	1270.0	1344.5	1378.7	1378.7	1310.3	1209.4	1094.5	1024.7
75°	827.5	888.1	985.9	1069.7	1155.1	1198.6	1197.0	1138.0	1026.2	917.6	844.6
77.5°	560.5	605.5	667.6	731.2	743.7	777.8	794.9	720.4	658.3	599.3	534.1
80°	326.0	354.0	388.1	423.8	431.6	442.5	414.5	386.6	354.0	315.2	285.7
82.5°	191.0	209.6	226.7	254.6	259.3	262.4	237.5	225.1	198.7	175.4	156.8
85°	93.2	99.4	114.9	128.9	122.7	119.5	108.7	96.3	85.4	76.1	66.8
87.5°	18.6	18.6	27.9	26.4	21.7	18.6	10.9	14.0	3.1	3.1	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P641780

CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1
2.5°	3188.9	3215.3	3247.9	3291.4	3341.1	3393.8	3445.1	3483.9	3522.7	3580.2	3570.8
5°	3025.9	3070.9	3122.2	3188.9	3269.6	3361.2	3463.7	3566.2	3676.4	3769.6	3809.9
7.5°	2931.2	2980.9	3041.4	3128.4	3232.4	3344.2	3488.6	3654.7	3833.2	3955.9	4031.9
10°	2931.2	2994.8	3074.0	3157.9	3249.5	3364.4	3542.9	3750.9	3980.7	4142.2	4230.7
12.5°	3100.4	3164.1	3181.2	3178.0	3229.3	3356.6	3586.4	3851.8	4126.6	4297.4	4406.1
15°	3364.4	3386.1	3257.2	3139.2	3147.0	3300.7	3606.5	3932.6	4252.4	4457.3	4575.3
17.5°	3541.3	3483.9	3254.1	3047.6	3004.2	3206.0	3606.5	4010.2	4385.9	4617.2	4727.5
20°	3555.3	3412.5	3174.9	2959.1	2847.4	3080.2	3581.7	4069.2	4514.8	4771.0	4888.9
22.5°	3432.7	3291.4	3091.1	2883.1	2718.5	2928.1	3541.3	4114.2	4625.0	4915.3	5061.3
25°	3292.9	3174.9	3005.7	2805.4	2630.0	2774.4	3504.1	4190.3	4778.7	5111.0	5258.4
27.5°	3156.3	3056.9	2903.2	2740.2	2580.3	2640.9	3480.8	4302.1	4961.9	5388.9	5516.2
30°	3022.8	2932.7	2793.0	2678.1	2553.9	2553.9	3460.6	4430.9	5204.1	5700.9	5828.2
32.5°	2887.7	2802.3	2689.0	2617.6	2538.4	2519.8	3404.7	4552.0	5454.1	6042.5	6172.9
35°	2762.0	2676.6	2589.6	2560.1	2530.6	2493.4	3266.5	4646.7	5697.8	6441.5	6553.3
37.5°	2644.0	2561.7	2496.5	2488.7	2491.8	2422.0	3049.2	4725.9	6002.1	6849.8	6908.8
40°	2541.5	2449.9	2398.7	2397.1	2412.6	2307.1	2774.4	4839.3	6349.9	7196.0	7171.2
42.5°	2449.9	2353.6	2291.5	2305.5	2296.2	2192.2	2505.8	4943.3	6652.6	7520.5	7470.8
45°	2359.9	2266.7	2179.8	2199.9	2189.1	2120.8	2277.6	5019.4	6988.0	7910.2	7916.4
47.5°	2272.9	2181.3	2094.4	2069.5	2068.0	2099.0	2102.1	5044.2	7534.5	8537.4	8396.1
50°	2192.2	2100.6	2010.5	1926.7	1959.3	2055.6	1971.7	5025.6	8352.7	9229.8	8835.5
52.5°	2108.3	2021.4	1922.0	1771.4	1856.8	1951.5	1855.3	4958.8	8852.6	9841.5	9605.6
55°	2012.1	1929.8	1794.7	1611.5	1715.6	1735.7	1735.7	4313.0	9065.3	10447.0	10593.0
57.5°	1883.2	1774.6	1560.3	1412.8	1506.0	1428.3	1608.4	3018.1	8714.4	10256.1	10822.7
60°	1737.3	1620.9	1394.2	1288.6	1316.6	1179.9	1370.9	1892.5	7222.4	8726.8	9708.0
62.5°	1544.8	1437.7	1249.8	1167.5	1110.1	962.6	1103.9	1197.0	4951.0	6480.3	7149.4
65°	1415.9	1297.9	1130.2	1021.6	903.6	774.7	732.8	785.6	2662.6	3626.7	4078.5
67.5°	1263.8	1147.3	989.0	852.3	757.6	664.5	591.5	572.9	912.9	1207.9	1307.2
70°	1119.4	1007.6	875.6	748.3	653.6	562.0	490.6	439.4	422.3	419.2	413.0
72.5°	971.9	867.9	757.6	639.6	535.6	451.8	388.1	329.1	304.3	296.5	288.8
75°	796.5	714.2	603.9	476.6	392.8	315.2	265.5	226.7	204.9	197.2	187.9
77.5°	512.3	475.1	378.8	307.4	237.5	187.9	161.5	136.6	122.7	119.5	111.8
80°	273.2	254.6	209.6	177.0	141.3	114.9	100.9	86.9	79.2	76.1	73.0
82.5°	152.1	138.2	116.4	102.5	82.3	69.9	62.1	55.9	51.2	49.7	48.1
85°	68.3	59.0	46.6	43.5	38.8	35.7	34.2	31.1	29.5	27.9	26.4
87.5°	3.1	6.2	7.8	6.2	6.2	9.3	10.9	10.9	9.3	9.3	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P641780

CATALOG NUMBER: GWS-SA6B-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1	3400.1
2.5°	3628.3	3674.9	3679.5	3695.0	3674.9	3670.2	3637.6	3619.0	3601.9	3597.2
5°	3910.8	4004.0	4041.3	4067.7	4042.8	4030.4	3959.0	3884.5	3842.5	3822.3
7.5°	4201.2	4340.9	4413.9	4446.5	4449.6	4393.7	4271.0	4131.3	4061.4	4035.0
10°	4460.4	4632.8	4729.0	4791.1	4769.4	4701.1	4533.4	4344.0	4255.5	4232.2
12.5°	4653.0	4817.5	4892.0	4932.4	4930.9	4893.6	4735.2	4530.3	4429.4	4406.1
15°	4777.2	4875.0	4879.6	4888.9	4915.3	4965.0	4882.7	4693.3	4581.5	4548.9
17.5°	4875.0	4836.2	4763.2	4738.3	4797.3	4935.5	4985.2	4831.5	4710.4	4682.5
20°	4937.1	4741.5	4612.6	4564.5	4632.8	4857.9	5047.3	4955.7	4829.9	4794.2
22.5°	4985.2	4653.0	4444.9	4412.3	4483.7	4774.1	5111.0	5103.2	4965.0	4915.3
25°	5061.3	4594.0	4326.9	4303.6	4370.4	4733.7	5196.3	5303.5	5180.8	5109.4
27.5°	5180.8	4587.8	4266.4	4258.6	4350.2	4769.4	5319.0	5596.9	5443.2	5390.4
30°	5346.9	4646.7	4280.3	4295.9	4407.7	4898.3	5510.0	5932.2	5778.5	5696.3
32.5°	5586.0	4805.1	4493.0	4559.8	4642.1	5104.7	5789.4	6295.5	6179.1	6058.0
35°	5901.2	5239.8	5121.8	5405.9	5328.3	5556.5	6126.3	6736.5	6595.2	6489.6
37.5°	6321.9	6131.0	6239.7	6630.9	6443.0	6410.4	6537.7	7137.0	7059.4	6953.8
40°	6911.9	6950.7	7151.0	7664.9	7393.2	7183.6	7042.3	7438.2	7464.6	7334.2
42.5°	7303.1	7481.7	7964.5	8548.3	8174.1	7672.6	7464.6	7823.2	7824.8	7706.8
45°	7449.1	7916.4	8925.5	9597.8	8972.1	7952.1	7697.5	8346.4	8330.9	8195.9
47.5°	7396.3	8282.8	9923.8	10951.6	9996.8	8150.8	7664.9	9091.7	9217.4	9012.5
50°	7286.1	8650.7	11089.8	12609.7	11254.4	8362.0	7615.2	9917.6	10125.7	9967.3
52.5°	7397.8	9060.6	12468.4	14323.7	12831.7	8698.9	7950.5	10978.0	10940.7	10749.8
55°	7751.8	9545.0	14143.6	16477.1	14564.4	9268.7	8812.2	11988.7	11609.9	11381.7
57.5°	7734.7	9891.2	15612.3	18180.2	16071.9	9736.0	9111.8	12095.8	11330.4	11041.7
60°	7020.6	9732.9	16171.2	19257.7	16526.8	9478.2	8126.0	10804.1	9560.5	9257.8
62.5°	5239.8	8636.8	15087.6	17908.5	15239.7	8186.5	6110.8	7754.9	6870.0	6359.2
65°	3351.9	6756.6	12684.2	14508.5	12561.6	6261.4	3639.2	4157.7	3257.2	3111.3
67.5°	1426.8	4769.4	9860.2	9697.2	9397.5	4056.8	1405.0	1170.6	872.5	857.0
70°	472.0	3244.8	6078.2	6467.9	5612.4	2794.6	464.2	392.8	391.2	377.3
72.5°	309.0	1741.9	3421.8	3809.9	3611.2	1608.4	281.0	262.4	268.6	262.4
75°	184.8	378.8	576.0	748.3	576.0	270.1	169.2	166.1	169.2	161.5
77.5°	108.7	105.6	102.5	102.5	100.9	93.2	85.4	82.3	83.8	85.4
80°	69.9	66.8	63.7	62.1	54.3	51.2	48.1	45.0	45.0	46.6
82.5°	45.0	41.9	38.8	34.2	27.9	23.3	21.7	18.6	18.6	20.2
85°	23.3	18.6	14.0	10.9	6.2	3.1	0.0	0.0	0.0	0.0
87.5°	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)